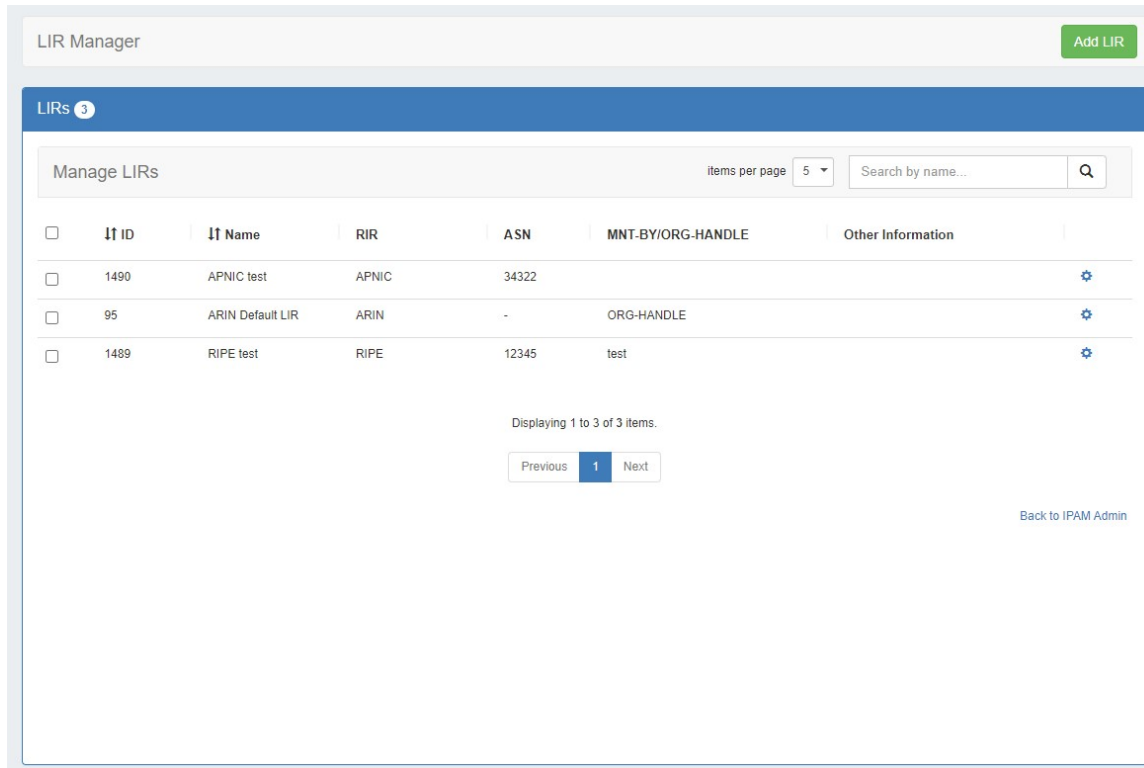


LIR Management and Use

LIR Manager



The screenshot shows the LIR Manager interface. At the top, there's a header bar with 'LIR Manager' on the left and an 'Add LIR' button on the right. Below this is a blue bar with 'LIRs 3'. The main content area has a 'Manage LIRs' header with a search bar and a dropdown for 'Items per page' set to 5. Below the header is a table with columns: ID, Name, RIR, ASN, MNT-BY/ORG-HANDLE, and Other Information. The table contains three rows of data. At the bottom, there's a pagination bar showing 'Displaying 1 to 3 of 3 items.' and a 'Back to IPAM Admin' link.

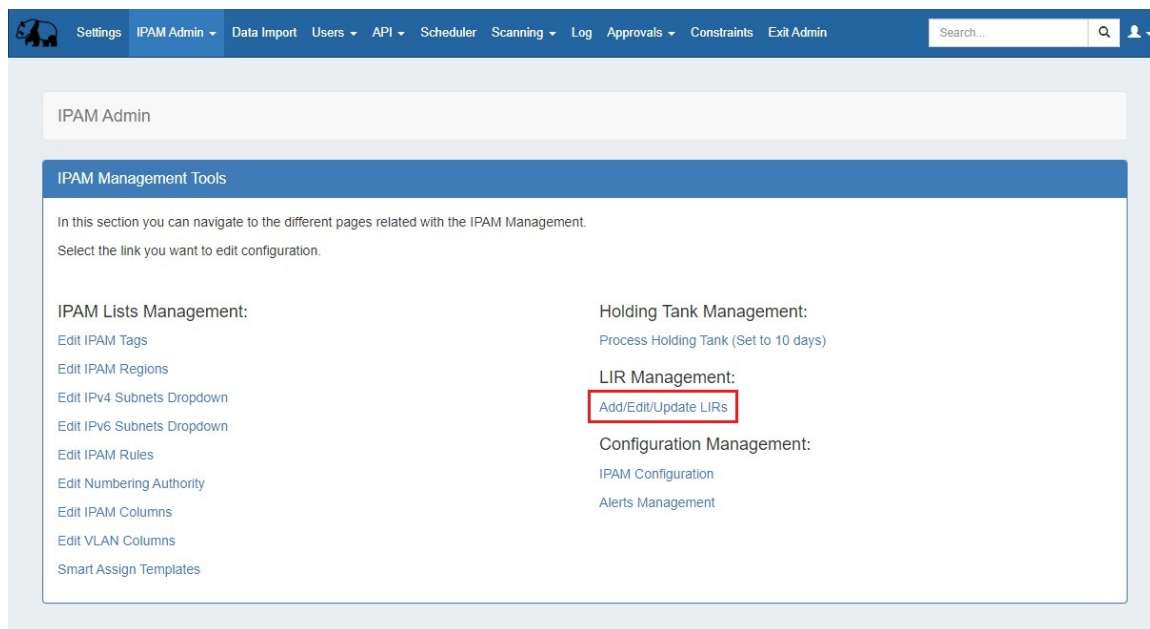
ID	Name	RIR	ASN	MNT-BY/ORG-HANDLE	Other Information
1490	APNIC test	APNIC	34322		
95	ARIN Default LIR	ARIN	-	ORG-HANDLE	
1489	RIPE test	RIPE	12345	test	

ProVision supports multiple LIRs (Local Internet Registries) in a single instance. This means that you have the ability to update SWIP/RPSL functions for a given allocation with the LIR information that you wish.

- LIR Manager
 - LIR Setup and Use
 - Add a LIR
 - ARIN
 - RIPE
 - Edit a LIR
 - Delete LIR(s)
 - RIR Integration
 - Additional Information

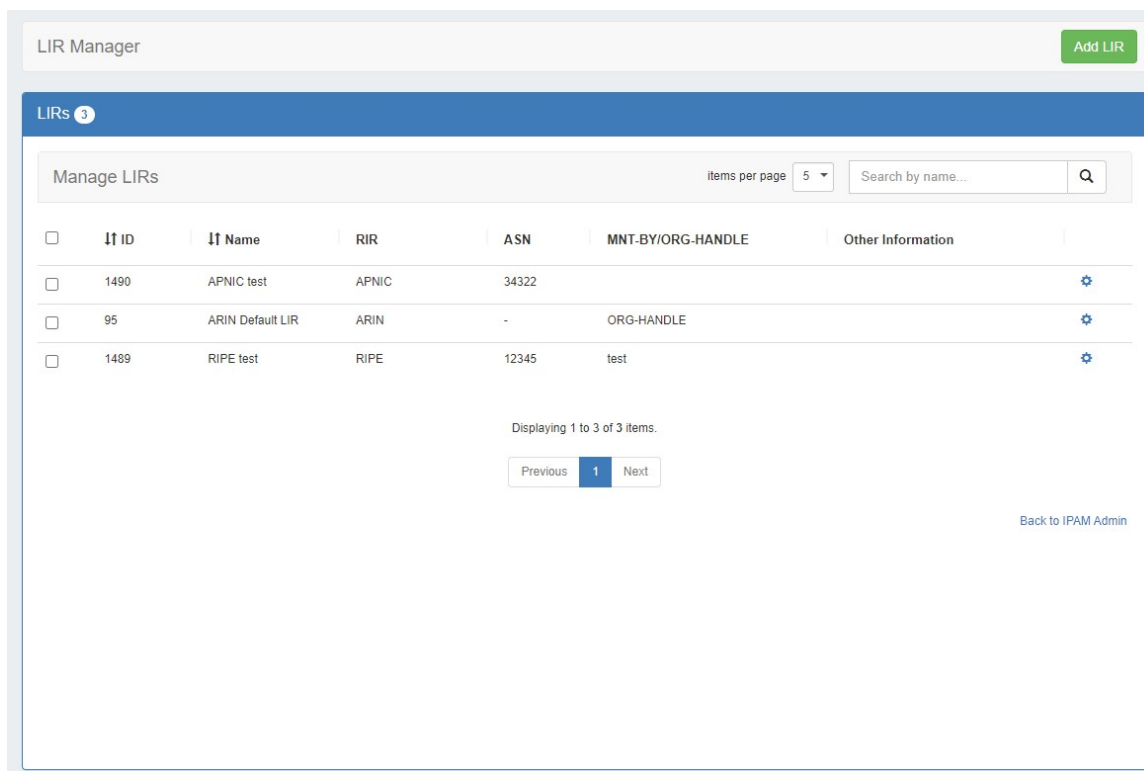
LIR Setup and Use

The LIR Manager is available from the IPAM Admin page. In the Admin section, select the **IPAM Admin** tab, then "LIR Management: Add / Edit / Update LIRs".



You will be taken to the LIR Manager page, showing your current LIRs.

You may Add LIRs from the top of the page, and edit or delete the individual LIRs by hitting the Action Menu (gear icon).



Add a LIR

After clicking on the **Add LIR** button, you can setup the required data for the specific RIR/LIR combination:

LIR Manager

Add LIR

LIRs 3

Manage LIRs

items per page 5

Search by name...

Q

☐	↕ ID	↕ Name	RIR	ASN	MNT-BY/ORG-HANDLE	Other Information
☐	1490	APNIC test	APNIC	34322		

ARIN

Adding a new LIR with ARIN selected for RIR will bring up the following fields.

Users API Scheduler Scanning Log Approvals Constraints Exit Admin

Create New LIR

RIR

ARIN

Name

Enter Name...

ASN

Enter Asn...

Org ID

Abuse POC

Admin POC

Net Prefix

Tech POC

API Key

Add

Org ID Admin POC Tech POC Abuse POC NET Prefix API Key

Save Close

Enter the Name, ASN, ORG ID, POC information, NET Name Prefix, and API Key. Additional Orgs may be added by selecting the "Add Org" button.

Be sure to click the "Save" button when done to save your changes.

Remember to SAVE!

Make sure to click the Save button or else the LIR data will not save.

RIPE

Adding a new LIR with RIPE selected for RIR will bring up the following fields.

RIPE Integration

You must be using an MD5 password to update RIPE objects from ProVision! Please refer to RIPE's authentication page for additional details:

<https://www.ripe.net/manage-ips-and-asns/db/support/security/protecting-data#solving-authentication-problems>

The screenshot shows the 'Create New LIR' form within a web application. At the top, there is a navigation bar with links: Users, API, Scheduler, Scanning, Log, Approvals, Constraints, and Exit Admin. The form itself has a title 'Create New LIR'. It contains several input fields: a dropdown menu for 'RIR' (currently set to 'RIPE'), a text field for 'Name' (placeholder: 'Enter Name...'), and a text field for 'ASN' (placeholder: 'Enter Asn...'). Below these is a dashed box containing four more input fields: 'Maintainer', 'Admin Contact', 'Password', and 'Tech Contact'. A green 'Add' button is located at the bottom right of this dashed box. Below the dashed box, there are labels for 'Maintainer', 'Admin Contact', 'Tech Contact', and 'Password'. At the bottom of the form, there are two buttons: 'Save' (blue) and 'Close' (white).

Enter the Name, ASN, Maintainer, Password, and Contact information. Additional Maintainers may be added by selecting the "Add Maintainer" button.

Be sure to click the "Save" button when done to save your changes.

Remember to SAVE!

Make sure to click the Save button or else the LIR data will not save.

Edit a LIR

Edit a LIR by clicking on the Action Menu (gear icon) next to the entry in the LIR Manager.

The Update LIR dialog will open. From here, you can edit RIR, Name, ASN, and Org information, as well as add / delete Orgs.

Update LIR

RIR

ARIN

Name

ARIN Default LIR

ASN

Enter Asn...

Org ID

Abuse POC

Admin POC

Net Prefix

Tech POC

API Key

Add

Org ID	Admin POC	Tech POC	Abuse POC	NET Prefix	API Key	
ORG-HANDLE	-	-	-	-	-	

Save Close

Delete LIR(s)

Delete a single LIR by clicking on the Action Menu (gear icon) next to the entry in the LIR Manager, and select "Delete".

LIRs 3

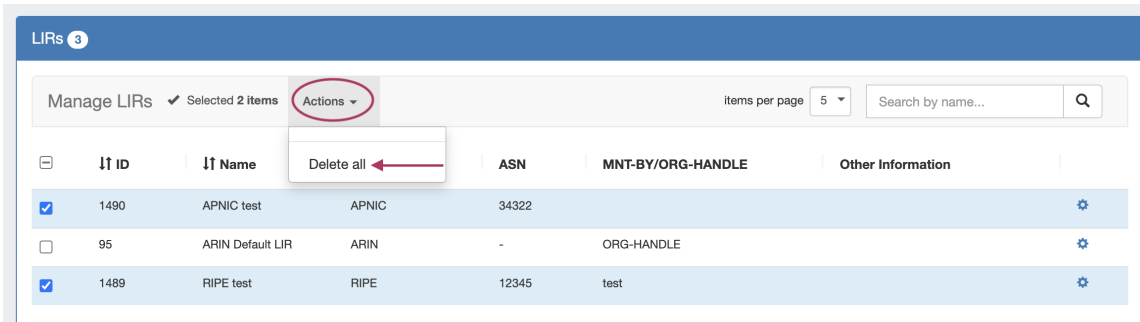
Manage LIRs items per page 5 Search by name... Q

☐	ID	Name	RIR	ASN	MNT-BY/ORG-HANDLE	Other Information	
☐	1490	APNIC test	APNIC	34322			
☐	95	ARIN Default LIR	ARIN	-	ORG-HANDLE		
☐	1489	RIPE test	RIPE	12345	test		

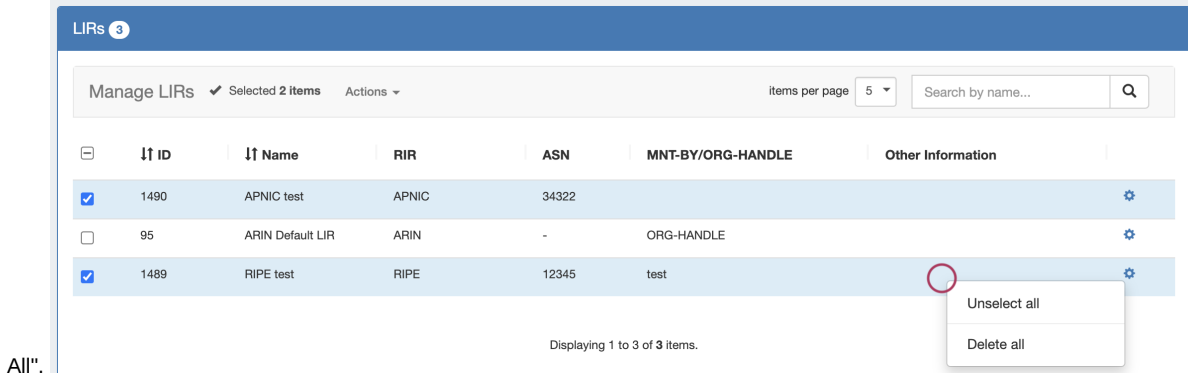
Edit

Delete

Delete multiple LIRs by clicking the checkboxes next to the desired LIRs to delete. Then, under "Actions" at the top of the page, select "Delete All".

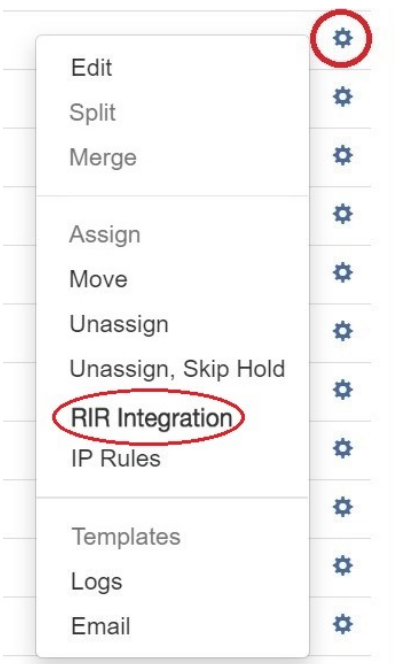


You may also right click anywhere on the selected rows to open the multi-select context menu, where you may choose "Unselect All" or "Delete



RIR Integration

Once these have been configured, you will be able to use the **RIR integration** feature from the Action Menu on the IPAM Manage screen or IPAM Gadget:



RIR specific options will pop up (see ARIN example below) and give the options for "Simple Reassign", "Detailed Reassign", or "Close" to exit.

AM | VLAN | Logging

ARIN Integration 10.0.0.0/24 (10.0.0.0 - 10.0.0.255)

6connect

Net Name: 6CONN-10-0-0-0-24

Registrar Public Name (Simple Reassign only):

By default, when ARIN blocks are SWIPed the customer name in the WHOIS database will be set to the assigned resource name. To override this, enter a public name to use in this field.

Org Handle	Admin POC	Net POC	Abuse POC	Net Name Prefix	API Key
CONNE-81	6CONN-ARIN	6CONN-ARIN	6CONN-ARIN	6CONN	*****

Simple Reassign Detailed Reassign Close

Additional Information

For additional detail, continue on to:

- [ARIN LIR Setup and Use](#)
- [RIPE LIR Setup and Use](#)
- [LIR Walkthrough](#)